



PATENT
Customer No. 22,852
Attorney Docket No. 3495.0111-14

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Bernard DUJON et al.) Group Art Unit: 1633
Application No.: 10/820,843) Examiner: S. Kaushal
Filed: April 9, 2004) Confirmation No.: 9487
)

For: NUCLEOTIDE SEQUENCE ENCODING
THE ENZYME I-SceI AND THE USES THEREOF

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

TERMINAL DISCLAIMER

Assignee, INSTITUT PASTEUR, duly organized under the laws of France and having its principal place of business at 28, rue du Docteur Roux, 75724 Paris Cedex 15, France, and Assignee, UNIVERSITE PIERRE ET MARIE CURIE, also known as UNIVERSITE PARIS 6, duly organized under the laws of France and having its principal place of business at 4, Place Jussieu, 75252 Paris Cedex 05, France, represent that they are the assignees of the entire right, title and interest in and to the above-identified application, Application No. 10/820,843, filed April 9, 2004, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SceI AND THE USES THEREOF in the names of Bernard DUJON et al., as indicated by assignments recorded at Reel 7450, Frame 0500, and Reel 7450, Frame 0446, and attached hereto. Assignees, INSTITUT PASTEUR AND UNIVERSITE PIERRE ET MARIE CURIE, further represent that they

02/15/2007 MAHMOUDI 000000/0 10820843

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130.00 00

BEST AVAILABLE COPY

are the assignees of the entire right, title and interest in and to U.S. Application No. 10/931,246, filed September 1, 2004, for NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SceI AND THE USES THEREOF in the names of Bernard DUJON et al., as indicated by assignments recorded at Reel 7450, Frame 0500, and Reel 7450, Frame 0446, and attached hereto.

To obviate a double patenting rejection, assignees hereby disclaim, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. §§ 154 to 156 and 173, as presently shortened by any terminal disclaimer, of any patent issuing from U.S. Application No. 10/931,246. Assignees hereby agree that any patent so granted on the instant application shall be enforceable only for and during such period that it and the patent issuing from U.S. Application No. 10/931,246 are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, Assignees do not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. §§ 154 to 156 and 173 of any patent issuing from U.S. Application No. 10/931,246, as presently shortened by any terminal disclaimer, in the event that the prior patent later expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or in part, is terminally disclaimed under 37 C.F.R. § 1.321, has all claims canceled by a reexamination certificate, is reissued, or is

in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

The undersigned is authorized to act on behalf of assignee INSTITUT PASTEUR.

I hereby declare that all statements made of my own knowledge and belief are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

By: D. Berneman
Signature

Name: Danielle BERNEMAN
Chef du Service des Brevets
Title: & Inventions

Assignee: INSTITUT PASTEUR

Dated: January 11, 2007

JUN 12 1995



Kirker
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 31, 1995

PTAS
FINNEGAN, HENDERSON, FARABOW ET AL
JANE E.R. POTTER
1300 I STREET, N.W.
WASHINGTON, D.C. 20005



100000313A

03495-0111-03

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/22/1995

REEL/FRAME: 7450/0446
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
DUJON, BERNARD

DOC DATE: 02/03/1995

ASSIGNEE:
UNIVERSITE PIERRE ET MARIE CURIE/
4, PLACE JUSSIEU
PARIS, FRANCE 75252

SERIAL NUMBER: 08336241
PATENT NUMBER:

FILING DATE: 11/07/1994
ISSUE DATE:

MARGARET LASALLE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

MAIL ROOM
FORM PTO-155
Rev. 6-93)
FEB 22 REC'D.
1995

05-09-1995

71 - 581
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Off.
Atty. Docket No. 3495.0111-0301

To the Honorable Commissioner

100000313

Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENT

1. Name of conveying party(ies):

Bernard DUJON

Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: February 3, 1995

2. Name and address of receiving party(ies):

Name: Universite Pierre et Marie Curie

Internal Address: _____

Street Address: _____

4, place Jussieu

City: 75252 Paris, France

State: _____ ZIP: _____

Additional name(s) & address(es) attached?

Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application,
the execution date of the application is: _____

A. Patent Application No.(s)

08/336,241

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jane E. R. Potter

Internal Address: _____

Finnegan, Henderson, Farabow, Garrett & Dunner

Street Address: _____

1300 I Street, N.W.

City: Washington, D.C.

State: _____ ZIP: 20005

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: _____

Attach duplicate copy of this page if paying by deposit account.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jane E. R. Potter

Name of Person Signing

Jane E. R. Potter
Signature

140 KJ 03/01/95 08336241✓

February 22,

Date

1 581 40.00 CK

Total number of pages including cover sheet, attachments and document: _

SOLE/Joint INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF
(Title of Invention)

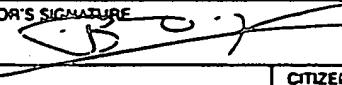
for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 7, 1994 (Serial No. 08/336,241); and
WHEREAS, Universite Pierre et Marie Curie
(Full Name of Assignee)
a corporation of France
(Country of Incorporation)
whose post office address is 4, place Jussieu, 75252 Paris Cedex 05, France

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

| | | |
|---|--|----------|
| 1 FULL NAME OF SOLE OR FIRST ASSIGNOR | ASSIGNOR'S SIGNATURE | DATE |
| Bernard DUJON |  | 3 FEB 95 |
| ADDRESS | CITIZENSHIP | |
| 6 rue de la Gruerie, 91190 Gif Sur Yvette, FR | France | |
| 2 FULL NAME OF SECOND ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | DATE |
| ADDRESS | CITIZENSHIP | |
| 3 FULL NAME OF THIRD ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | DATE |
| ADDRESS | CITIZENSHIP | |
| 4 FULL NAME OF FOURTH ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | DATE |
| ADDRESS | CITIZENSHIP | |
| 5 FULL NAME OF FIFTH ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | DATE |
| ADDRESS | CITIZENSHIP | |
| 6 FULL NAME OF SIXTH ASSIGNOR, IF ANY | ASSIGNOR'S SIGNATURE | DATE |
| ADDRESS | CITIZENSHIP | |



KJM - EFC - JEP

63495-0111-03

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 31, 1995

PTAS
FINNEGAN, HENDERSON, FARABOW,
& DUNNER - JANE E. R. POTTER

1300 I STREET, N.W.
WASHINGTON, D.C. 20005



100000314A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/22/1995

REEL/FRAME: 7450/0500
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

CHOULIKA, ANDRE

DOC DATE: 02/07/1995

ASSIGNOR:

PERRIN, ARNAUD

DOC DATE: 02/07/1995

ASSIGNOR:

NICHOLAS, JEAN-FRANCOIS

DOC DATE: 02/07/1995

ASSIGNEE:

INSTITUT PASTEUR
28, RUE DU DOCTEUR ROUX
PARIS, FRANCE 75724

SERIAL NUMBER: 08336241
PATENT NUMBER:

FILING DATE: 11/07/1994
ISSUE DATE:

JUN 9 1995

RECORDED 6/9/95
U.S. PATENT & TRADEMARK OFFICE

7450/0500 PAGE 2

MARGARET LASALLE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FRD 5-9

05-09-1995

40-581 41

FORM PTO-1595
Rev. 6-93)

RECO



100000314

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Atty. Docket No. 3495.0111-0300

ATTN. BOX ASSIGNMENTS



1. Name of conveying party(ies):

Andre CHOUETTE

Arnaud PERRIN

Jean-Francois NICOLAS

Additional names(s) of conveying party(ies)
attached? Yes No

3. Nature of conveyance:

- Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: February 7, 1995

2. Name and address of receiving party(ies):

Name: Institut Pasteur

Internal Address: _____

Street Address: _____

28, rue du Docteur Roux

City: 75724 Paris, France

State: ZIP: _____

Additional name(s) & address(es) attached?
 Yes No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application,
the execution date of the application is: _____

A. Patent Application No. (s)

08/336,241

B. Patent No. (s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Jane E. R. Potter

Internal Address: _____

Finnegan, Henderson, Farabow, Garrett & Dunner

Street Address: _____
1300 I Street, N.W.

City: Washington, D.C.

State: _____ ZIP: 20005

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): \$ 40.00

 Enclosed Authorized to be charged to deposit account

8. Deposit account number: _____

Attach duplicate copy of this page if paying by deposit account.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jane E. R. Potter

Name of Person Signing

Signature

February

Date

SOLE/Joint INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:
NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE I AND THE USES THEREOF
 (Title of Invention)

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 7, 1994 (Serial No. 08/336,241); and

WHEREAS, Institut Pasteur

(Full Name of Assignee)

a corporation of France

(Country of Incorporation)

whose post office address is 28, rue du Docteur Roux, 75724 Paris Cedex 15, FRANCE

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s):

| | | |
|---|----------------------|-----------------|
| 1. FULL NAME OF SOLE OR FIRST ASSIGNEE | ASSIGNEE'S SIGNATURE | DATE |
| <u>André CHOULIKA</u> | | <u>5 Feb 95</u> |
| ADDRESS | CITIZENSHIP | |
| <u>3, rue F. Mouton, 75015 Paris, France</u> | <u>Lebanese</u> | |
| 2. FULL NAME OF SECOND ASSIGNEE, IF ANY | ASSIGNEE'S SIGNATURE | DATE |
| <u>Arnaud PERRIN</u> | | <u>7 Feb 95</u> |
| ADDRESS | CITIZENSHIP | |
| <u>10, avenue P. Appell, 75014 Paris, France</u> | <u>French</u> | |
| 3. FULL NAME OF THIRD ASSIGNEE, IF ANY | ASSIGNEE'S SIGNATURE | DATE |
| <u>Jean-François NICOLAS</u> | | <u>7 Feb 95</u> |
| ADDRESS | CITIZENSHIP | |
| <u>39, chemin de la Source - 78590 NOISY LE ROI, France</u> | <u>French</u> | |
| 4. FULL NAME OF FOURTH ASSIGNEE, IF ANY | ASSIGNEE'S SIGNATURE | DATE |
| ADDRESS | CITIZENSHIP | |
| 5. FULL NAME OF FIFTH ASSIGNEE, IF ANY | ASSIGNEE'S SIGNATURE | DATE |
| ADDRESS | CITIZENSHIP | |
| 6. FULL NAME OF SIXTH ASSIGNEE, IF ANY | ASSIGNEE'S SIGNATURE | DATE |
| ADDRESS | CITIZENSHIP | |



KJM-MLO

**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231**

NOVEMBER 24, 1995

FINNEGAN, HENDERSON, GARRETT ET AL
KENNETH J. MEYERS
1300 I STREET, N.W.
WASHINGTON, D.C. 20005

RECEIVED
PRAISE

Nov 30 1995

100037099A

FINNEGAN, HENDERSON,
FARABOW, GARRETT & DUNNER

3495-0111-01

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/11/1995

REEL/FRAME: 7546/0001
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
DUJON, BERNARD

DOC DATE: 04/26/1995

ASSIGNOR:

DOC DATE: 05/29/1995

ASSIGNOR:
COLLEAUX, LAURENCE

DOC DATE: 04/13/1995

ASSIGNOR:
FAIRHEAD CECILE

DOC. DATE: 06/07/1995

ASSIGNOR: BERRIN ARNAUD

DOC. DATE: 05/31/1995

ASSIGNOR:

DOC. DATE: 05/31/1995

ASSIGNOR:
PLESSIS, ANNE

DOC. DATE: 04/14/1995

ASSIGNOR:
THIERRY, AGNES

Page Date: 04/14/1995

11-30-95

7546/0001 PAGE 2

ASSIGNEE:

INSTITUT PASTEUR
28, RUE DU DOCTEUR ROUX
PARIS CEDEX 15, FRANCE 75724

SERIAL NUMBER: 07971160
PATENT NUMBER: 5474896

FILING DATE: 11/05/1992
ISSUE DATE: 12/12/1995

PEARLENE FOSTER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

M-11-95

FORM PTO-1595
R. v. '6-93)

RECORDED

08-04-1995

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Atty. Docket No. 3495.0111-01To the Honorable Commissioner of
please record the attached original documents or copy ¹⁰⁰⁰³⁷⁰⁹⁹ ~~thereon~~.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies):
 Bernard DUJON, Andre CHOULIKA, Laurence COLLEAUX, Cecile FAIRHEAD, Arnaud PERRIN, Anne PLESSIS and Agnes THIERRY
 Additional names(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: 4/13/95; 4/14/95; 4/26/95;
5/29/95; 5/31/95; and 6/7/95

4. Application number(s) or patent number(s):

If this document is being filed together with a new application,
 the execution date of the application is: _____

A. Patent Application No.(s)
 U.S.S.N. 07/971,160
 BATCH NO. E94

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: FINNEGAN, HENDERSON, FARABOW,
 Internal Address: GARRETT & DUNNERStreet Address: 1300 I Street, N.W.City: Washington
 State: D.C. ZIP: 200056. Total number of applications and patents involved 17. Total fee (37 CFR 3.41): \$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 06-0916
 Attach duplicate copy of this page if paying by deposit account.

RF60008 07/27/95 07971160

06-0916 060 551 40.00CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth J. Meyers

Registration No. 25,146

Signature

July 11, 1995

Date

Total number of pages including cover sheet, attachments and document: 5

U.S. Serial No. 07/971,160
BATCH NO. H94
Atty. Docket No. 3495.0111-01

2. Name and address of receiving party(ies): (Cont'd)

Additional Assignee: UNIVERSITE PARIS-VI
Street Address: 4, place Jussieu
City: 75005 Paris, France

JOINT INVENTION
(03495-0111-01000)
(U.S. Rights Only)

A S S I G N M E N T

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SceI AND THE USES THEREOF

(Title of Invention)
for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on November 5, 1992, (Serial No. 07/971,160; and

WHEREAS, INSTITUT PASTEUR and UNIVERSITE PARIS-VI
(Full Name of Assignees)
corporations of France

(State of Incorporation)
whose post office addresses are 28, rue du Docteur Roux, 75724 Paris Cedex 15, France and 4, place Jussieu, 75005 Paris, France, respectively (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignees is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patents for this invention to assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant and agree that I/We will, without further consideration, communicate with assignees, their successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that an expense incident to the execution of such papers shall be borne by the assignees, their successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

County of Vu pour certification)
matérielle de la signature)

State of de MR Bernard DUJON)

Subscribed and sworn to before me this
day 8eris, le 21 JUIN 1995.

D Notary Public

SEAL matérielle de la signature
de MR...André...CHOULIKA

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Vu pour certification Notary Public

SEAL matérielle de la signature
de Mme...Laurence...COLLEAUX

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Vu pour certification Notary Public

SEAL matérielle de la signature
de Mme...Cecile...FAIRHEAD

apposée ci-contre

County of Paris, le 21 JUIN 1995)

State of D)

Subscribed and sworn to before me this
day of 19.

Notary Public

:1. Full Name of First Assignor:
ss. : BERNARD DUJON :
: Address: 6, rue de la Gruerie
: 91190 Gif Sur Yvette, France :
: First Assignor's Signature: B D :
: Date: 26/04/95 :
:

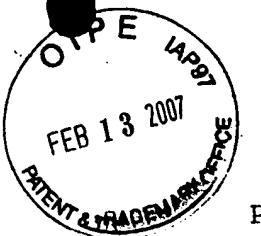
:2. Full Name of Second Assignor:
ss. : ANDRE CHOULIKA :
: Address: 3, rue F. Mouthon
: 75015 Paris, France :
: Second Assignor's Signature: A C :
: Date: 23-05-95 :
:

:3. Full Name of Third Assignor:
ss. : LAURENCE COLLEAUX :
: Address: 9 Westfield Road
: Edinburgh EH11 2QT, Scotland(UK) :
: Third Assignor's Signature: L C :
: Date: 13/04/95 :
:

:4. Full Name of Fourth Assignor:
ss. : CECILE FAIRHEAD :
: Address: 47, rue E. Dolet
: 92240 Malakoff, France :
: Fourth Assignor's Signature: C Fairhead :
: Date: 7-6-95 :
:

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OCTOBER 24, 2000



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Washington, D.C. 20231
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FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.
SALVATORE J. ARRIGO
1300 I STREET, N.W.
WASHINGTON, D.C. 20005-3315



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RECORDATION DATE: 09/06/2000

REEL/FRAME: 011046/0733
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
PIERRE ET MARIE CURIE, UNIVERSITE DOC DATE: 07/06/2000

ASSIGNEE:
INSTITUT PASTEUR
28, RUE DU DOCTEUR ROUX
75724 PARIS, CEDEX, FRANCE

SERIAL NUMBER: 08643732
PATENT NUMBER:

FILING DATE: 05/06/1996
ISSUE DATE:

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

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FINNEGAN, HENDERSON,
FARABOW, GARRETT & DUNNER, L.L.P.

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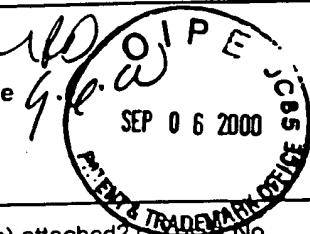


To the Honorable Commissioner of Patents and Trademarks
Please record the attached original documents or copy thereof.

101454024

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies): *Universite Pierre et Marie Curie*



2. Name and address of receiving party(ies):

Name: Institut Pasteur

Additional name(s) of conveying party(ies) attached? No

Internal Address:

3. Nature of conveyance:

Street Address: 28, rue du Docteur Roux

 Assignment

Merger

City: 75724 Paris, Cedex
France Security Agreement

Change of Name

State:

Zip Code:

[Describe]

Additional name(s) & Address(es) attached?

Execution Date: July 6, 2000

 Yes No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: [type appropriate information]

A. Patent Application Number:

B. Patent Number(s):

08/643,732 Filed May 6, 1996

Additional numbers attached?

 Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total No. of applications and registrations involved: 1

Name:

7. Total fee (37 CFR 3.41): \$40

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

 Enclosed (Please charge deficiency to deposit account)

Street Address: 1300 I Street, N.W.

 Authorized to be charged to deposit account

City: Washington, D.C.

8. Deposit Account No.: 06-0916

State: Zip: 20005-3315

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Salvatore J. Arrigo, Reg. no. 46,063

September 6, 2000

Signature

Date

Total number of pages including cover sheet, attachments and documents: 2

ASSIGNMENT

WHEREAS I/We, the below named owner(s), [hereinafter referred to as Assignor(s)], of an application for United States Letters Patent filed on May 6, 1996 (Serial No. 08/643,732), entitled:

NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I-SCE 1 AND THE USES THEREOF,

for which I/WE were assigned the entire right, title, and interest in an application for United States Letters Patent filed on May 6, 1996 (Serial No. 08/643,732), by virtue of an Assignment recorded on October 10, 1996, at Reel 8183, Frame 0768; and

WHEREAS, _____ INSTITUT PASTEUR
(Full Name of Assignee)
a corporation of _____ FRANCE
(Country of Incorporation)
whose post office address is _____ 28, rue du Docteur Roux, 75724 Paris, Cedex 15, France

(hereinafter referred to as Assignee), is desirous of securing a ninety-two percent (92%) right, title, and interest in U.S. Application Ser. No. 08/643,732, and for the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, a ninety-two percent (92%) right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

Universite Pierre et Marie Curie

By: _____

Title: _____

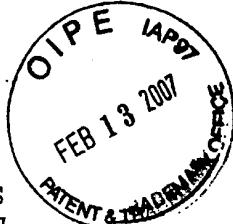
Dated: Paris le 6 juillet 2000

Le Président
de l'Université Pierre M. Curie
(Paris 6)

Jean LEMERLE

DECEMBER 17, 1996

KENNETH J. MEYERS
1300 I STREET N.W.
WASHINGTON, DC 20005



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FINNEGAN, HENDERSON

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RECORDATION DATE: 10/10/1996

REEL/FRAME: 8183/0768
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
DUJON, BERNARD

DOC DATE: 08/02/1996

ASSIGNEE:
CHOULIKA, ANDRE

DOC DATE: 08/02/1996

ASSIGNEE:
PERRIN, ARNAUD

DOC DATE: 08/09/1996

ASSIGNEE:
NICOLAS, JEAN-FRANCOIS

DOC DATE: 08/02/1996

ASSIGNEE:
UNIVERSITE PIERRE ET MARIE CURIE
4, PLACE JUSSIEU
75252 PARIS, CEDEX 05, FRANCE

SERIAL NUMBER: 08643732
PATENT NUMBER:

FILING DATE: 05/06/1996
ISSUE DATE:

DAD
TUV
17-241-A6

8183/0768 PAGE 2

MAYA BENNETT, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

10-23-1996

66500 U.S. PTO

10/22/96 1504



100294138

U.S. Department of Commerce
 Patent and Trademark Office
 Attorney Docket No.
 03495.0111-07

To the Honorable Commissioner of Patents and Trademarks:
 Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

1. Name of conveying party(ies): Bernard Dujon, Andre Choulika,
 Arnaud Perrin and Jean-Francois Nicolas
 10-10-96

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

| | | | |
|-------------------------------------|--------------------|--------------------------|----------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |

Other

Execution Date: August 2, 1996

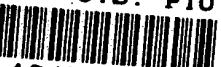
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number(s):

08/643,732

B. Patent Number(s):

66500 U.S. PTO



Additional numbers attached? Yes No

10/22/96

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Kenneth J. Meyers

Internal Address:

Street Address: 1300 I Street, N.W.

City: Washington,

State: DC Zip: 20005

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Enclosed (Please charge deficiency to deposit account)

Authorized to be charged to deposit account

8. Deposit account number: 06-0916

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kenneth J. Meyers


 Oct. 10, 1996

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

SOLE/JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

NUCLEOTIDE SEQUENCE ENCODING THE ENZYME I SCEI
AND THE USES THEREOF

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on May 6, 1996 (Serial No. 08/643,732); and

WHEREAS, Universite Pierre et Marie Curie a corporation of France, whose post office address is 4, place Jussieu, 75252 Paris Cedex 05, France (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

County of _____)

ss. Bernard DUJON

6 rue de la Gruerie,

91190 Gif Sur Yvette, FRANCE

Signature:

Date: 02/08/96

State of _____)

Subscribed and sworn to before me
this ____ day of _____, 19____.

, Notary Public

County of _____)

ss. Andre CHOULIKA

3 rue F. Mouton, 75015 Paris, FRANCE

Signature:

Date: 02/08/96

State of _____)

Subscribed and sworn to before me
this ____ day of _____, 19____.

, Notary Public

County of _____)

ss. Arnaud PERRIN

Signature:

Date: 02/08/96

State of _____)

Subscribed and sworn to before me
this ____ day of _____, 19____.

, Notary Public

County of _____)

ss. Jean-Francois NICOLAS

39, chemin de la Source

78509 NOISY LE ROI France

Signature:

Date: 2-19-96

State of _____)

Subscribed and sworn to before me
this ____ day of _____, 19____.

, Notary Public

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